

CERTIFICATION 2005E DATABASE BACKUP & RESTORE

If you have SQL Server Enterprise Manager on your computer, then the backup &/or restore operations can be ran from your computer. If not, they must be ran from the server.

To locate SQL Server Enterprise Manager, follow the following path from the Start button:

Programs | Microsoft SQL Server | Enterprise Manager

Special Note: *Be sure all users are out of ProVal &/or Crystal Reports when running either the Backup or the Restore.*

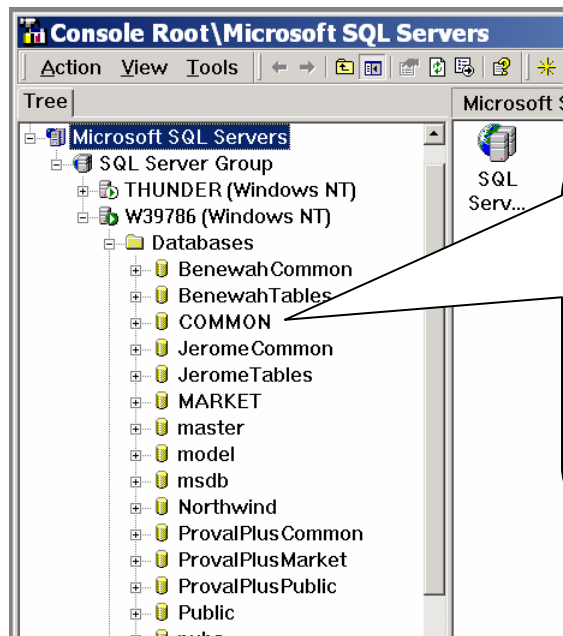
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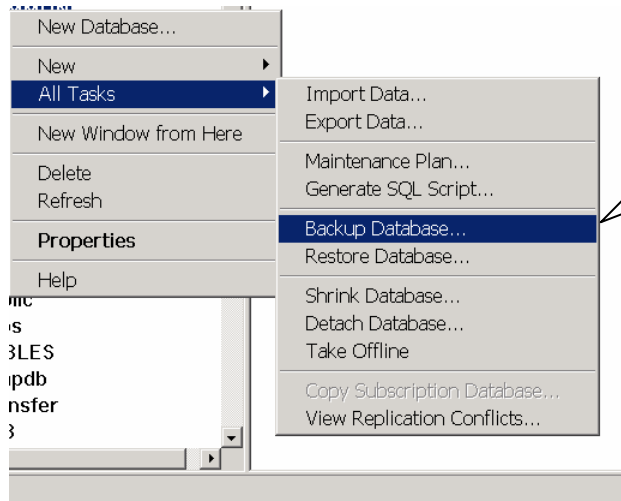
Backup Instructions:



When you open up Enterprise Manager & breakdown the tree, you will end up with a list of databases (Your list will look different from mine).

The only database that you will be backing up during certification, will be the database called "Common".

At this point, **RIGHT** click on the name Common, then proceed to the next step.



Select "All Tasks", then select "Backup Database".

SQL Server Backup - COMMON

General Options

Database: COMMON

Name: COMMON backup

Description:

Backup

☒ Database - complete

☐ Database - differential

☐ Transaction log

☐ File and filegroup:

Destination

Backup to: ☐ Tape ☒ Disk

D:\MSSQL\BACKUP\TwinFall\TwinCommon

Add...

Remove

Contents...

Overwrite

☒ Append to media

☐ Overwrite existing media

Schedule

☐ Schedule:

OK Cancel Help

If there is an entry in the 'backup to' box, then click "Remove" to remove the entry.

Next, click "Add" to take you to the next screen.

Select Backup Destination

Select the file name or backup device to use for the backup operation. Backup devices can be created for files that you use frequently.

☒ File name:

D:\MSSQL\BACKUP\TwinFall\

...

☐ Backup device:

OK Cancel

Click this button to proceed to the next screen (this button is called a 'browse' button).

Backup Device Location - W39786

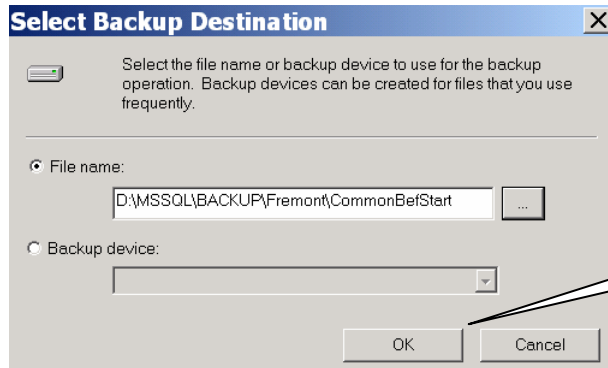
File name: CommonBefStart

Selected file: D:\MSSQL\CommonBefStart

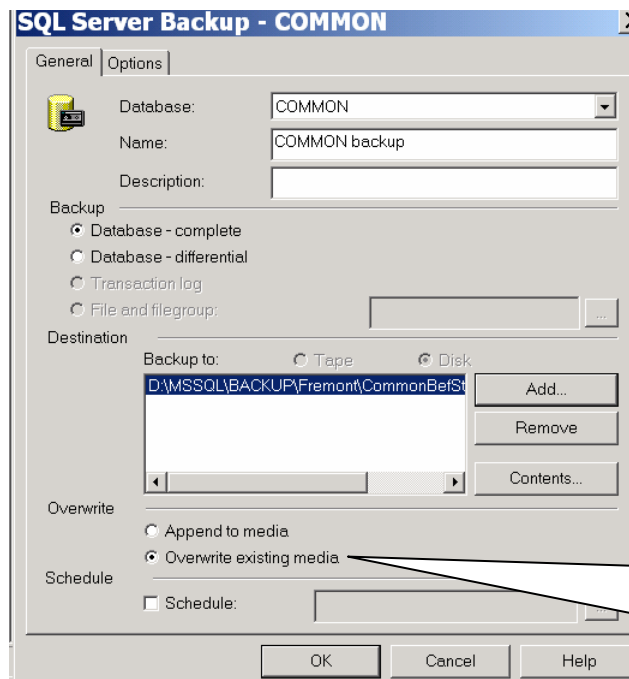
OK Cancel

Keyin the name of the backup you are doing (CommonBefStart, CommonBefPost, CommonAftPost, CommonBefTrend).

Select OK to proceed.

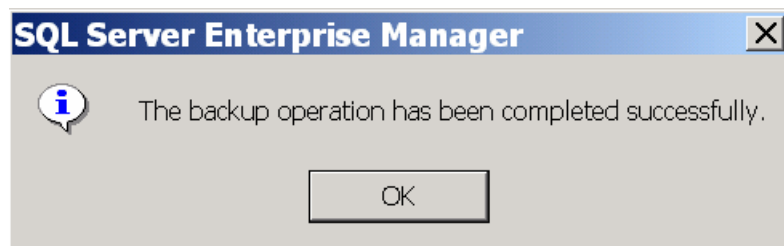


Select OK when this screen re-appears.



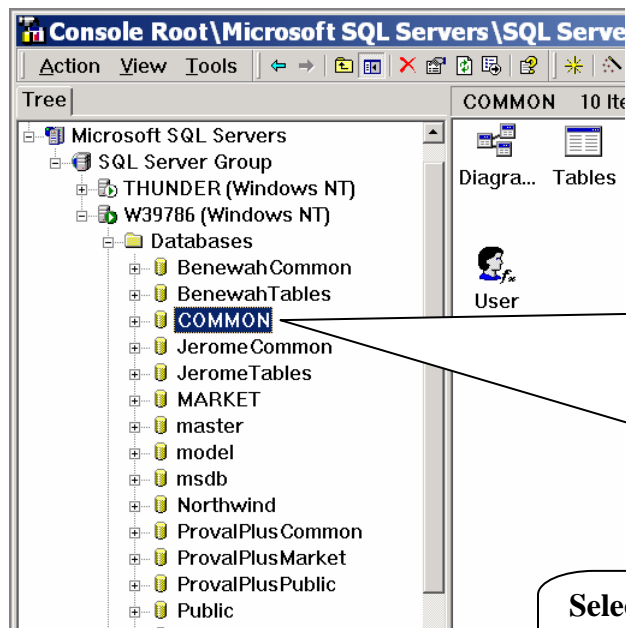
Select 'Overwrite existing media', then click OK to proceed.

At this point, the backup will start.



End Of Backup Instructions

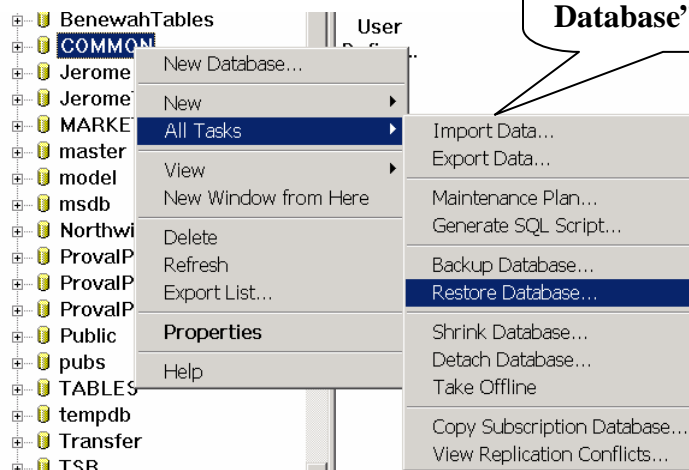
Restore Instructions:



When you open up Enterprise Manager & breakdown the tree, you will end up with a list of databases (Your list will look different from mine).

The only database that you will be restoring during certification, will be the database called "Common".

At this point, right click on the name Common, then proceed to the next step.



Select "All Tasks", then select "Restore Database".

Restore database

General Options

Restore as database: COMMON

Restore: ☐ Database ☐ Filegroups or files ☒ From device

Parameters

Devices:

Backup number: 1

☒ Restore backup set

☒ Database - complete

☐ Database - differential

☐ Transaction log

☐ File or filegroup

☐ Read backup set information and add to backup history

Click "From Device".

Next, click "Select Devices".

Choose Restore Devices

When the backup is restored, SQL Server will attempt to restore from the devices listed below.

Backup set: (Unknown)

Restore from: ☒ Disk ☐ Tape

Device name

Media verification option

☐ Only restore from media with the following name:

Media name:

If anything is in the "Device name" window, remove it. Next, click "Add".

Choose Restore Destination

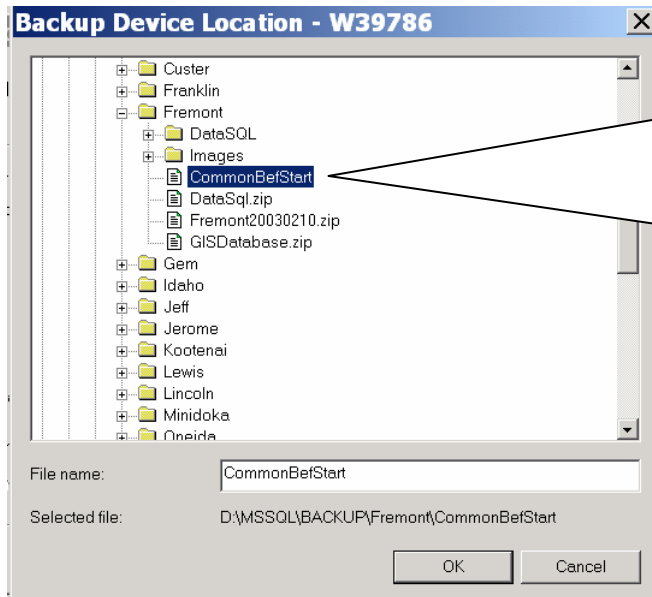
Select the file name or backup device to use for the restore operation. Backup devices can be created for files that you use frequently.

☒ File name:

D:\MSSQL\BACKUP\Fremont\

☐ Backup device:

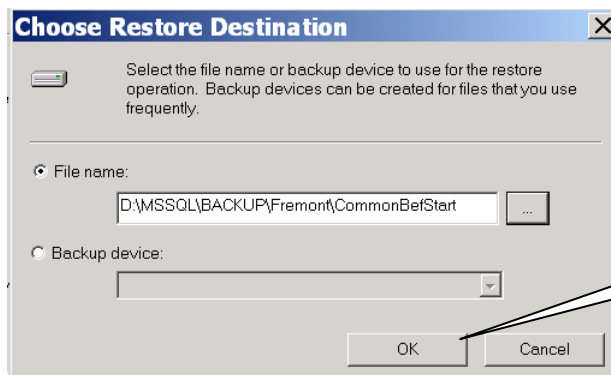
Click the browse button from this screen.



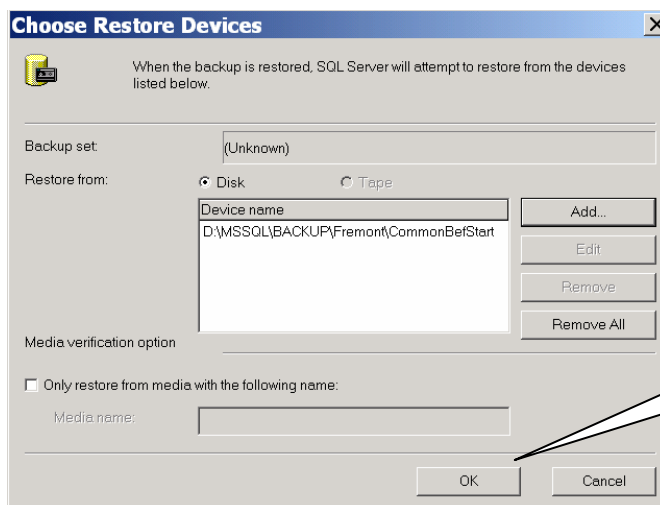
This option will take you to the backup directory for the Common database.

Select the database you need to restore (in this example it is CommonBefStart), then click OK.

Note: Where this example is saying Fremont, your's should say Common .



Leave as is, then click OK.



Leave as is, then click OK.

Restore database

General Options

Restore as database: COMMON

Restore: ☐ Database ☐ Filegroups or files ☒ From device

Parameters

Devices: D:\MSSQL\BACKUP\Fremont\COMMONBefStart Select Devices...

Backup number: 1 View Contents...

☒ Restore backup set

☒ Database - complete

☐ Database - differential

☐ Transaction log

☐ File or filegroup

☐ Read backup set information and add to backup history

OK Cancel Help

When this screen comes up, click the "Options" tab.

Restore database

General Options

☐ Eject tapes (if any) after restoring each backup

☐ Prompt before restoring each backup

☒ Force restore over existing database

Restore database files as:

Logical file name	Move to physical file name
FremontCommon_Data	D:\mssql\data\Common_Data.MDF
FremontCommon_Log	D:\mssql\data\Common_Log.LDF

Recovery completion state

☒ Leave database operational. No additional transaction logs can be restored.

☐ Leave database nonoperational but able to restore additional transaction logs.

☐ Leave database read-only and able to restore additional transaction logs.

Undo file: d:\MSSQL\BACKUP\UNDO_COMMON.DAT

OK Cancel Help

Be sure "Force restore over existing database" is checked ON, then click OK to start the restore.

SQL Server Enterprise Manager

Restore of database 'COMMON' completed successfully.

OK

End of Restore Instructions